

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 03 Feb 2023 until 23:59 on Saturday 04 Feb 2023

Forecast Issued on Friday 03 Feb 2023 at 01:14

Confidence: High confidence for a cloudy start to the weekend with some rain and drizzle but exact amounts of cloud are hard to determine, high confidence for a more settled outlook towards the beginning of next week with high pressure building from the south.

Headline for Friday 03 Feb 2023: Remaining windy and cloudy with outbreaks of light rain or drizzle at times.

Mountain weather hazards on Friday 03 Feb 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
				FOG	FOG
Light rain	Light rain	Light rain	Drizzle	Fog	Fog
Precipitation probability					
50%	50%	50%	40%	20%	20%

Forecast for Friday 03 Feb 2023

Weather: A dull overcast morning with extensive cloud cover and periods of light rain and drizzle especially around western uplands, best chance of a few periods of brighter conditions is over to the east towards Richmond. Rain tending to die out in the late afternoon and cloud lifting slight but remaining overcast, likely never clearing the highest peaks. A dry evening but still quite cloudy with mist and fog patches.

Chance of cloud-free hill tops above 600m: 10%, low cloud associated with light rain, improving to 30% by late afternoon, low cloud lingering especially in the west.

Low Cloud and visibility: Extensive low cloud layers above 300m in the morning, dull and hazy at low levels too. Cloud will begin to lift slowly in the afternoon but scattered low cloud above 500m lingering into the evening. Visibility will improve during the afternoon but far reaching views are unlikely on Friday.

Forecast for Friday 03 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/30 W	20/29 W	21/29 W	19/26 W	15/21 W	13/19 W	13/20 W
300	11/27 W	12/26 W	12/25 W	12/26 W	9/20 W	8/19 W	8/18 W
Valley	10/24 W	9/21 W	8/19 W	8/19 W	7/17 W	4/13 SW	4/13 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	6/2	6/1	5/0	5/1	5/1
300	7/4	7/4	7/4	7/4	6/4	6/4	6/4
Valley	8/5	8/6	9/7	9/6	8/6	7/6	7/6
Freezing Level*	1600m	1900m	2100m	1800m	1300m	1300m	1300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Westerly winds will ease a little during the day but remaining strong. Feeling cold on the summits with low cloud and drizzle, despite freezing levels above all summits. Due to a technical error the wind/temperature details can currently only be viewed in the printable pdf version of this forecast, which can be found to the top right of this page.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 03 Feb 2023	13mm	31.2mm	39.8mm

Forecast for Saturday 04 Feb 2023

Weather: Cloudy with some mist and fog patches early in the day. A dry morning but rain spreading south late afternoon, cloud clearing later in the evening and feeling fresher.

Maximum wind: Southwesterly 20-25mph veering northwesterly later in the evening.

Chance of cloud-free hill tops above 600m: 60% falling to 40% in rain, improving 90% later during the evening.

Low Cloud and visibility: During the morning patchy or scattered cloud will shroud the hills at times with layers of cloud above 500m, the clearest tops will be around eastern areas. Visibility will be good below the cloud but a little hazy at times. Later cloud will thicken and lower as rain spreads south and visibility will be poor for a time during the rain. By evening visibility will improve and cloud begin to clear.

Temperature: **Valleys:** Plus 8 – 9 Celsius.

At 600m: Plus 4 Celsius falling to 1 Celsius later.

Freezing level: Above the summits falling to 700m later in the evening.